

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.



National
Agricultural
Library

U.S. Department
of Agriculture
Beltsville, MD
20705

AGRICULTURAL LIBRARIES INFORMATION NOTES

Volume 13
Number 4

April 1987

ISSN: 0095-2699

NETWORKING FORESTRY INFORMATION AND SERVICES

by Ginger
Rutherford,
INFO SOUTH
Coordinator

INFO SOUTH
Science Library,
University of
Georgia, Athens,
Georgia 30602
(404) 546-2477
or FTS 250-2477



A new forestry information service is now serving the Forest Service and others supporting forestry. The Forest Service Information Network - Forestry Online (FS INFO) is a network of field libraries and a new online bibliographic database to serve the Forest Service nationwide.

BACKGROUND. The network was initiated in December 1984 with the approval of a proposal presented to the Chief and Staff of the Forest Service. This event marked the culmination of several years of study and the beginning of action to transform concept into reality, namely, the creation of a network consisting of the existing Forest Service libraries and information centers. A new bibliographic database containing records pertinent to the Forest Service mission would be available online to all Forest Service employees through a newly implemented distributed processing computer system. The database would promote the sharing of resources while maintaining high quality information services offered by the network. The concept, although similar to its predecessors, WESTFORNET and SOUTHFORNET, was to be developed around a broader view of service and cooperation and enhanced by the availability of technology to make networking possible. To further mutual information management goals, the Forest Service and the National Agricultural Library (NAL) have entered into an Interagency Agreement which outlines potential areas of cooperation.

THE NETWORK. Organizationally, the Forest Service Information Systems Staff, Forest Service Washington Office, administers FS INFO. The FS INFO Central Unit, located in the NAL Building, is responsible for cataloging materials, maintaining the database, providing training materials, and supporting user services. There are nine FS INFO Centers throughout the United States providing information services to Forest Service employees.



INFO RM

Rocky Mountain Forest and Range Experiment Station Library, Fort Collins, Colorado

INFO SOUTH

Science Library, University of Georgia, Athens, Georgia

INFO INT

Intermountain Research Station Library, Ogden, Utah

INFO NW	Forestry Library, University of Washington, Seattle, Washington
INFO PSW	Pacific Southwest Forest and Range Experiment Station Library, Berkeley, California
INFO NC	North Central Station, St. Paul, Minnesota
INFO ITF	Institute of Tropical Forestry Library, Puerto Rico
INFO FPL	Forest Products Laboratory Library, Madison, Wisconsin
INFO AK	Pacific Northwest Forest and Range Experiment Station, Forestry Sciences Laboratory Library, Juneau, Alaska

Additionally, the Bureau of Land Management Library, Denver, Colorado, uses output from the FS INFO database to provide current awareness bibliographic service to BLM employees.

The beauty of the network is the web it creates by linking libraries, information centers, researchers, practitioners, editors, and publications offices within the Forest Service. FS INFO links externally to the National Agricultural Library, other libraries, agencies, and institutions, and to those they serve. FS INFO is already experiencing positive effects from behaving as a network: its centers share resources and expertise, and they work toward the common goal of providing the access to information needed by users. Center personnel also work on network projects and contribute their expertise in areas such as acquisitions, selections for the database, computer technology, reference services, and database user training. One benefit of geographically dispersed service centers is their knowledge of and sensitivity to regional issues. This is part of the strength in the fabric of the network.

THE DATABASE. In 1984 the implementation of the Forest Service distributed processing network, using Data General hardware, opened new avenues for managing information. Now, an online database containing 40,000 bibliographic records pertinent to the Forest Service mission exists. OCLC's LS2000 is the MARC-based system for online record creation, online searching capabilities, generation of output products, and technical processing support. This central database reduces the time and effort previously expended to develop and maintain numerous independent and isolated bibliographic databases, many containing duplicate citations.

The scope of the bibliographic records in the database includes all Forest Service publications, publications by Forest Service authors, network library holdings, and publications related to forestry and the Forest Service mission. Selection of current material for inclusion in the database has traditionally been, and will continue to be, a joint venture of the Centers and the headquarters operation. This ensures thorough coverage of forestry-related literature of interest to the Forest Service in all geographic locations. The types of publications selected for inclusion are monographs, journal articles, conference proceedings and papers, state, federal and foreign government documents, theses and dissertations, and series publications.

Other records will be converted from Agency subject-oriented bibliographic files such as FIREBASE, previously maintained by the Boise Interagency Fire Center. Although these retrospective conversion projects are important, the main thrust of the database is the input of current records. That input will provide important raw material for generation of publications lists, literature reviews, and current awareness products.



SERVICES. Experienced information specialists at the Service Centers identify, locate, and obtain information for users; provide special services such as the FS INFO Monthly Alert to inform employees about new literature; review literature of local interest to select items to be included in the database; and search expensive and complex commercial databases efficiently for the users.

When the database is fully implemented, Forest Service personnel will have access to the online bibliographic file through the distributed processing system. With special arrangements, cooperators will access the online file using computer terminals. The online file service prompts and instructs users in a "user-friendly" manner. Citations may be searched by title, author, topic, date published, indexed term, or keyword. FS INFO Service Centers holdings are identified, and users will be able to request materials through the system. If the needed information is not found online, the user may seek help from the supporting Service Center.



COOPERATION. FS INFO seeks to reduce duplication not only within the Forest Service but also in relation to similar work being done at NAL. The network is most fortunate that NAL is willing to contribute its resources to this goal as well. Since much of the material pertinent to the Forest Service mission is indexed for AGRICOLA, there is a need to cooperate closely with NAL to reduce duplication of effort within USDA. Recognizing this, FS INFO and NAL personnel are seeking ways to share record production so that materials will only be indexed/cataloged once. FS INFO will work to enrich NAL's coverage of forestry by identifying forestry literature and providing copies of Forest Service publications for NAL processing. This adds more forestry records to AGRICOLA and eliminates gaps in NAL's holdings.

All components of library operations working together provide greater access to information for users. The quality of cooperation ultimately benefits the employees of the U.S. Department of Agriculture, the people of the United States, and the world-wide agricultural and forestry community. This is the broader view of service and cooperation around which FS INFO has been established. As lofty as this intent may sound, it is possible given the technology trends in evidence today. The key to success, however, is changing the way we think to encompass this broader view of providing information services. We are excited about our future and the opportunity to work closely with the NAL to meet our mutual goals.



IN MEMORIAM



JEANNE MAIDEN HOLMES

Jeanne Maiden Holmes, 65, former Chief, Resource Development Division of the National Agricultural Library, who retired in January 1979 after 30 years of government service, died of cancer March 28 at her home in Sea Island, Georgia.

A graduate of George Washington University, Mrs. Holmes worked at the Department of Agriculture from 1943 to 1947. After earning her Masters in Library Science at Columbia University, she returned to USDA in 1952 to begin her distinguished career in the Department Library. Her many accomplishments, particularly in technical services and the development of automation at NAL, were important in building NAL collections, organizing them, making them accessible, and benefiting users locally, nationally, and internationally.

Among the NAL achievements for which Mrs. Holmes had major responsibility were the preparation and publication of the Preliminary Edition of the National Agricultural Library Subject Heading List and of the Agricultural/Biological Vocabulary, the development of the computer-based

card and book catalogs, the machine-readable database CAIN (Cataloging and Indexing) which evolved into AGRICOLA (AGRICulture On Line Access), the use of MARC formats, and the transition to Anglo-American Cataloging Rules, Second Edition.

For several years Mrs. Holmes was NAL's liaison with AGRIS, the International Information System for the Agricultural Sciences and Technology, sponsored by the Food and Agriculture Organization of the United Nations. She helped develop the AGRIS database while directing NAL input. Nationally, Mrs. Holmes contributed to progress in the library world through service on interlibrary committees, panels, and advisory groups, including those of the Committee on Scientific and Technical Information, Federal Library Committee, U.S. National Libraries Task Force, the Library of Congress Bibliographic Advisory Committee (National DataBase Design Project). She also actively participated in professional organizations including the American Library Association, the Special Libraries Association, and the American Society for Information Science. Special recognition by the U.S. Department of Agriculture for her achievements included a Special Merit Award presented by President Lyndon B. Johnson in 1966 and two Superior Service Awards in 1968 and 1974.

Mrs. Holmes is survived by her husband, Robert R. Holmes, who is retired from the Library of Congress. Personal messages of condolence may be addressed to Mr. Holmes at P.O. Box 416, Sea Island, GA 31561. Those wishing to contribute to a memorial in Mrs. Holmes' name may do so to: Coastal Georgia Historical Society, P.O. Box 1136, Saint Simons Island, GA 31522.

A temporary exhibit in the lobby of the 14th Floor of the NAL Building contains photographs and other memorabilia marking a few of the highlights of Mrs. Holmes' exemplary career at NAL.

USDA TAKES PRIDE IN AMERICA

The nationwide Take Pride in America campaign is about to launch its 1987 season with TPIA Awareness Week, May 16-21. With the support of the National Agricultural Library and other USDA agencies, the campaign is meant to encourage everyone to take better care of our parks, forests and other public resources and to do it through volunteer projects as well as individually.

Four volunteer cleanup projects on Saturday, May 16, will initiate Awareness Week in the Washington, D.C. area. (Details will be provided as available). Other scheduled USDA events for the week of May 18 are:

Mon. - Bands, clowns, balloons, the Forest Service's Smokey Bear and Woodsey Owl in USDA cafeterias in D.C.

Tues. - Celebrity sing, showing of a slide set and new public service TV spots featuring John Garfield, Clint Eastwood, and Lou Gossett in USDA's Jefferson Auditorium.

Wed. - Patio exhibits in USDA's Administration Building.

Thurs. - Day on the Mall, featuring Dash for Trash, Pitch In For America, and other competitions by students of the Van Ness Elementary School. The Secretary of Agriculture, Richard E. Lyng, will present awards.

Future TPIA activities include national USDA clean-up and community projects across the country, September 13-19.

For further information, contact Gene Farkas, TPIA-NAL coordinator, Room 203, NAL Bldg., 301-344-3778.



AGRICULTURE DATEBOOK

June 14-17: NATIONAL ASSOCIATION OF COLLEGES AND TEACHERS OF AGRICULTURE 32ND ANNUAL CONFERENCE. Columbia, MO, University of Missouri. Contact: Clinton R. Blackmon, Delaware Valley College of Science and Agriculture, Doylestown, PA 18901-9990. Tel.: (215) 345-1500.

June 14-19: AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS. St. Louis, MO, Washington University. Contact: American Society of Plant Physiologists, 15501 Monora Dr., Rockville, MD 20855. Tel.: (301) 251-0560

June 21-25: INTERNATIONAL CONFERENCE ON GENETIC MANIPULATION OF WOODY PLANTS. East Lansing, MI, Michigan State University. Contact: James W. Hanover, Department of Forestry, Michigan State University, East Lansing, MI 48824-1222.

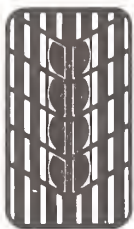
July 13-17: 8th INTER-AMERICAN MEETING OF AGRICULTURAL LIBRARIANS AND DOCUMENTALISTS. Guatemala City, Guatemala, Camara de Industria Auditorium. Contact: Ing. Roberto Yurrita, Presidente, Comité Organizador 8a. RIBDA, Coordinador SNIAG/USPADA, Via 2, 4-34 "B", Zona 4, Guatemala, C.A.

July 20-23: AMERICAN VETERINARY MEDICAL ASSOCIATION 12th ANNUAL MEETING. Chicago, IL, Hyatt Regency. Contact: AVMA, 930 N. Meacham Rd., Schaumburg, IL 60196-1074. Tel.: (312) 885-8070.

(Continued on page 12)



Take Pride in America
Conserve
★ Our Resources ★



ASSOCIATES NAL, INC.

WE NEED YOUR HELP

You can ensure the National Agricultural Library's continued excellence by:

- Telling others about the Associates NAL, Inc., and encouraging them to join
- Helping the Library solicit grants from foundations
- Obtaining your company's or organization's participation in a matching gift program
- Passing on information about membership in the Associates NAL, Inc. in your newsletter or publications

Benefits of Membership

- You will be involved in a rather unique and successful support organization in the vital area of agricultural information
- You will receive:
 - Journal of NAL Associates,
 - Agricultural Libraries Information Notes, the monthly newsletter of the National Agricultural Library
 - Invitations to exhibits, receptions and other special events.

I wish to become a member of the Associates of the National Agricultural Library, Inc.

_____ Personal\$ 15.00
_____ Institutional..... 100.00
_____ Business and Industrial... 500.00

Make checks payable to: Associates of the National Agricultural Library, Inc.
10301 Baltimore Boulevard
Beltsville, MD 20705
(Tax Deductible).



BOOK FAIR

DATE: May 28 TIME: 10:00 - 3:00

LOCATION: Room 1400, NAL

Sponsored by the Associates
of the National Agricultural Library, Inc.

Contact 344-3937 for more information

NOVELS RAFFLE HOW TO's
CLASSICS BOOK MARKS COOKBOOKS
SCIENCE FICTION

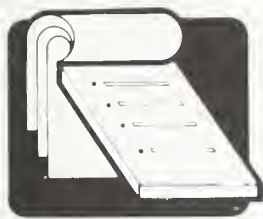
IN CELEBRATION OF NATIONAL LIBRARY WEEK

NAL AT SLA

At the Special Libraries Association annual meeting in Anaheim, California, Robyn Frank, Head, Information Centers Branch, NAL, will be installed as the new chairman of the Food, Agriculture and Nutrition (FAN) Division. The installation will take place at the breakfast business meeting of the Division on June 8.

The NAL Associates will be sponsoring the FAN Division Hospitality Suite on Tuesday evening, June 9, from 9-11 p.m. at the Anaheim Hilton Hotel. NAL personnel attending SLA will be on hand at this event.

NAL personnel will be staffing the NAL exhibit and will be demonstrating AGRICOLA on CD-ROM, AGRICOLearn, an interactive laserdisc, and expert advisory systems.



NEW SERIALS RECEIVED AT NAL

BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY. Orlando, FL, Academic Press. b-m. Vol. 8, No. 1. (February 1986)- QD415.A1J63

BULLETIN DE LA SOCIETE FRANCAISE DE PARASITOLOGIE. Paris, Parasitology Society of France. irr. No. 1. (1985)- QL757.B842

THE CATFISH JOURNAL. Clinton, MS, Aquacom, Inc. m. Vol. 1, No. 1. (July 1986)- SH167.C35C37

IEEE TRANSACTIONS ON ENERGY CONVERSION. New York, NY, Inst. Electrical and Electronics Engineers. q. Vol. EC-1, No. 1. (March 1986)- TK1.I446

IEEE TRANSACTIONS ON POWER SYSTEMS. New York, NY, Inst. Electrical and Electronics Engineers. q. Vol. PWR-1, No. 1. (February 1986)- TK1.I445

IMMUNOLOGIC RESEARCH. New York, NY, S. Karger. q. (May 1986)- QR180.S88

IRRIGATION AND DRAINAGE SYSTEMS. Boston, MA, M. Nijhoff. 3/yr. Vol. 1, No. 1. (1986)- TC801.I66

INTER-STATE COMMUNICATOR. Southampton, PA, Inter-State Milk Producers' Cooperative. b-m. Vol. 1, No. 1. (February 1986)- SF232.P4I57

NAGA, THE ICLARM QUARTERLY. Manila, Int'l Ctr. for Living Aquatic Resources Management. q. Vol. 9, No. 1. (January 1986)- SH332.I6

MICROBIOLOGICAL RESOURCE DATABANK. New York, NY, Elsevier. irr. Catalog 1. (1985)- QH585.M57



AGRICULTURAL INFORMATION RESOURCE CENTERS-- A WORLD DIRECTORY

Sponsored by the International Association of Agricultural Librarians and Documentalists (IAALD), this new directory is targeted for publication in 1988. It is being edited by four U.S. agricultural librarians: Carol Boast, Agriculture Library, University of Illinois at Urbana-Champaign; John Beecher, North Dakota State University Libraries, Fargo; Rita Fisher, Owen Science and Engineering Library, Washington State University, Pullman; and Julia Peterson, Cargill Information Center, Cargill, Inc., Minneapolis, Minnesota. Julia Peterson has received a \$4,000 grant from the Cargill Foundation for initial funding of the project.

IAALD sponsored a similar edition in 1960. The new, expanded directory is designed to provide one-source, up-to-date information on collection development priorities, cooperative resource sharing programs, and participation in local, regional, national or international networks for agricultural libraries and information and documentation centers around the world. To be included in the directory, a library must own a minimum of 500 titles related to a broad range of agricultural subject areas, including: agriculture, agribusiness, agricultural economics, agricultural engineering, animal science, crop science, entomology, fisheries, horticulture, plant and animal biotechnology, plant pathology, plant protection, range management, sericulture, soil science, and veterinary medicine. To be excluded from the directory will be libraries collecting exclusively in the areas of food and human nutrition. With the exception of names of individuals and institutions, the published information will be in English.

The editors would appreciate receiving the names and addresses of facilities and collections which might appropriately be included in this directory. For information, comments, or suggestions, contact Carol Boast, Agriculture Library, 226 Mumford Hall, 1301 W. Gregory Dr., Urbana, IL 61801, USA, (217-333-9593).
Telex: 206957





NEW PUBLICATIONS OF NOTE

*COMPOSITION OF FOODS: BEVERAGES: RAW, PROCESSED, PREPARED. Washington, D.C., U.S. Department of Agriculture, Nutrition Monitoring Division. May 1986. (Agriculture Handbook No. 8-14). 173 p. \$9.50. S/N 001-000-04468-1.

*GUIDANCE ON SOFTWARE PACKAGE SELECTION. Washington, D.C., National Bureau of Standards. 1987. Describes a systematic procedure for identifying and evaluating off-the-shelf software packages. 120 p. \$6.00. S/N 003-003-02773-1.

MEXICAN AND MEXICAN-AMERICAN AGRICULTURAL LABOR IN THE UNITED STATES, AN INTERNATIONAL BIBLIOGRAPHY. Martin H. Sable. 1987. A research guide reflecting the literature, both popular and scholarly, of the major topics and their subtopics. Includes a directory of relevant organizations, labor unions, government agencies, and research centers. 429 p. \$49.95. Order from The Haworth Press, 12 West 32 Street, New York, NY 10001. Tel.: (212) 279-1200.

NURSERY/LANDSCAPE PLANT IDENTIFICATION. 1986. G. J. Kling and K. McPheeters. A set of 116 cards featuring glossy color photos of plants common to the nursery and landscape trades in the U.S. Practical cultural and landscape use information has been compiled from numerous references and authorities. \$40.00 per set. (Catalog No. X664). Order from Vocational Agriculture Service, College of Agriculture, University of Illinois, 1401 South Maryland Drive, Urbana, IL 61801. Tel.: (217) 333-3871.

*NUTRITION MONITORING IN THE UNITED STATES: A PROGRESS REPORT FROM THE JOINT NUTRITION MONITORING EVALUATION COMMITTEE. Washington, D.C., U.S. Department of Agriculture, Human

Nutrition Information Service. 1986. (Report No. PHS 86-1255). 356 p. \$17.00. S/N 017-022-00957-9.

**POLICY PROGRAMMING FOR MEXICAN AGRICULTURE: DOMESTIC CHOICES AND WORLD MARKET CONDITIONS. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. June 1986. (Report No. AGES-860501). 32 p. \$11.95. PB86-212560/XAB.

*A PROFILE OF FEMALE FARMERS IN AMERICA. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Jan. 1985. Discusses social and economic characteristics of female farmers, including age, race, size of household, farm and off-farm income, types of farms female farmers most frequently run, and value of agricultural products sold. 32 p. (Report No. RDRR-45). \$1.50. S/N 001-019-00378-2.

**SAMPLING DESIGNS FOR ESTIMATING THE TOTAL NUMBER OF FISH IN SMALL STREAMS. Portland, OR, U.S. Department of Agriculture, Forest Service. May 1986. (Report No. FSRP-PNW-360). 40 p. \$11.95. PB86-237195/XAB.

*U.S DEMAND FOR FOOD: A COMPLETE SYSTEM OF PRICE AND INCOME EFFECTS. Washington, D.C., U.S. Department of Agriculture, Economic Research Service. Dec. 1985. A matrix of direct, cross-price, and expenditure elasticities for 40 food items and 1 nonfood item. 60 p. (Technical Bulletin No. 1714). \$2.00. S/N 001-019-00433-9.

*Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Tel.: (202) 783-3238.

**Order from National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, VA 22161. Tel.: (703) 487-4780. All titles listed are available in microfiche for \$6.50 each.



QUICK BIBLIOGRAPHIES

The bibliographies in this series are primarily computerized online as batch bibliographies emanating from searches performed by the NAL reference staff in response to customer requests. Searches are selected for inclusion based on the currency of the topic, interest among clientele, relative length and probable value to a larger audience. Revisions or updates will be renumbered and reannounced. Only one copy of a title will be sent; however, requesters may make copies. To request a copy of a Quick Bibliography circle desired titles below and send a return addressed label to:

Reference Branch, Room 111
National Agricultural Library
Beltsville, MD 20705

NAL--Q.B.--87-22. HERBICIDE RESISTANCE, 1970-1986. 257 citations from AGRICOLA. Languages none excluded. Prepared by Karl Schneider. March 1987.

NAL--Q.B.--87-23. GLOBAL TRENDS IN AGRICULTURAL DEMAND, PRODUCTIVITY, AND SUPPLY, 1978-1986. 108 citations from AGRICOLA. Languages none excluded. Prepared by Mary E. Lassanyi. March 1987.

NAL--Q.B.--87-24. CHINA'S AGRICULTURAL TRADE PROSPECTS, 1978-1986. 151 citations from AGRICOLA. Languages none excluded. Prepared by Mary E. Lassanyi. March 1987.

NAL--Q.B.--87-25. LIMING FOR SOIL ENRICHMENT, 1979-1986. 287 citations from AGRICOLA. English only. Prepared by Jayne T. MacLean. March 1987.

NAL--Q.B.--87-26. INFANT NUTRITION: RESEARCH AND REFERENCE MATERIALS, 1981-1986. 200 citations from AGRICOLA. English only. Prepared by Holly Berry Irving. March 1987.

NAL--Q.B.--87-27. DIET, RACE, AND ETHNICITY IN THE U.S.: RESEARCH AND REFERENCE MATERIALS, 1979-1986.

160 citations from AGRICOLA. English only. Prepared by Holly Berry Irving. March 1987.

NAL--Q.B.--87-28. IRON AND HUMAN NUTRITION: RESEARCH AND REFERENCE MATERIALS, 1982-1986. 176 citations from AGRICOLA. English only. Prepared by Holly Berry Irving. March 1987.

NAL--Q.B.--87-29. BIOTECHNOLOGY IN FOOD SCIENCE AND TECHNOLOGY, 1981-1986. 293 citations from AGRICOLA. Languages none excluded. Prepared by Susan C. Whitmore. March 1987.

NAL--Q.B.--87-30. EXPERT SYSTEMS AND COMPUTER AIDS TO DECISION-MAKING, 1970-1986. 201 citations from AGRICOLA. Languages none excluded. Prepared by Karl Schneider. March 1987. Updates 86-51.

NAL--Q.B.--87-31. ALTERNATIVE FARMING SYSTEMS--ECONOMIC ASPECTS, 1970-1986. 124 citations from AGRICOLA. Languages none excluded. Prepared by Karl Schneider. March 1987.

NAL--Q.B.--87-32. KILLER BEES/AFRICANIZED BEES, 1970-1986. 231 citations from AGRICOLA. Languages none excluded. Prepared by Sheldon Cheney. March 1987. Updates 86-24.

NAL--Q.B.--87-33. EMBRYO TRANSFER IN ANIMALS, 1982-1986. 286 citations from AGRICOLA. Languages none excluded. Prepared by Sheldon Cheney. March 1987. Updates 86-01.

NAL--Q.B.--87-34. SMALL FARMS AND FARMING IN THE U.S., 1984-1986. 162 citations from AGRICOLA. English only. Prepared by Jayne T. MacLean. March 1987. Updates 86-37.

NAL--Q.B.--87-35. RURAL ECONOMIC DEVELOPMENT IN LATIN AMERICA AND THE CARIBBEAN, 1978-1986. 207 citations from AGRICOLA. Languages none excluded. Prepared by Mary E. Lassanyi. April 1987.

NAL--Q.B.--87-36. HYDROPONICS--NUTRIENT FILM TECHNIQUE, 1981-1986. 197 citations from AGRICOLA. English only. Prepared by Henry Gilbert. April 1987. Updates 86-22.





PUBLICATIONS EXCHANGE

SURPLUS PUBLICATIONS

The following publications are surplus to the needs of the National Agricultural Library's collection. They will be made available to any interested organization that regularly sends free publications to NAL. This includes most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles can be requested up to 6 months following announcement.

If interested, please write to:
National Agricultural Library, USDA,
Attn: Gift and Exchange, Room 002,
Beltsville, MD 20705, or call Susan
Fugate, (301) 344-3737.

American Economic Review. Vol. 66-68, 1970-1978. The following issues are missing: Vol. 61(3), 1971; Vol. 64 (5), 1974; Vol. 68 (4-5), 1978.

American Journal of Agricultural Economics. Vol. 51-66, 1969-1984.

Biological Abstracts. Vol. 48-49, 1967-1968 (complete); Vol. 50 (Jan/Feb-Jul/Aug), 1969; Vol. 56 (Jul/Aug-Nov/Dec), 1973; Vol. 57-62, 1974-1976 (complete). Annual and semi-annual indexes are available for the volumes mentioned above.

Commerical and Financial Chronical. The following are bound volumes: Vol. 94-162, 1912-1945 complete. The following volumes are unbound: Vol. 163-205, 1946-1967. Some numbers are missing within these volumes.

Economy of Electrical Energy in Agriculture. Moskva, 1983. (This publication is in Russian).



SERIAL GAPS

As part of the National Agricultural Library's collection maintenance activities and through patron requests, gaps in the national collection are identified. The following volumes are needed to complete collections. We appreciate your donation of these items. If you have questions regarding the program, call Susan Fugate, Gift and Exchange, (301) 344-3737.

Send items to:

National Agricultural Library
Gift and Exchange Program, Room 002G
Beltsville, MD 20705

Actualites Botaniques. Vol. 129 (4), 1982.

Anales del Instituto Nacional de Investigaciones Agrarias, Serie: Ganadera. Vol. 21, 1984.

Annales de Biologie Animale, Biochimie, Biophysique. Vol. 19 (1-3), 1979.

Archiv fur Hydrobiologie. Vol. 71 (1), 1973; Vol. 90 (1-3), 1981; Vol. 91 (1), 1981.

Archiv fur Lebensmittelhygiene, Fleisch-, Fisch- und Milchhygiene = Archives of Meat, Fish and Dairy Science. Vol. 32 (4), July/Aug., 1981.

Biochimica et Biophysica Acta. Vol. 300 (4), 1973; Vol. 315 (2), 1973; Vol. 715 (1), 1982.

Bulletin de la Societe Entomologique. Vol. 58; Vol. 60-61, 1980-1981.

Bunseki. Analysis. Number 10, 1981.

Ciencia e Cultura (Sao Paulo). Vol. 26 (1 & 3), 1974.

Comptes Rendus de l'Academie des Sciences. La vie des Sciences. Vol. 1 (1 & 3), 1984.

Comptes Rendus Hebdomadaires des Seances de L'Academie des Sciences. Serie D. Sciences Natureles. Vol. 276 (8), 1973; Vol. 277 (23), 1973; Vol. 279 (24), 1974; Vol. 287 (5-6), 1978.

Dissertation Abstracts International, A. The Humanities and Social Sciences. Vol. 43 (12), 1983; Vol. 45 (1), 1984; Vol. 45 (4-8), 1984-1985.

Dissertation Abstracts International, B. The Sciences and Engineering. Vol. 44 (7-9), 1984; Vol. 45 (2), 1984; Vol. 45 (4-8), 1984-1985.

Doklad hoi Akademi i ai fan hoi RSS Tojikiston, Doklady Akademii nauk Tadzhiksko i SSR. Vol. 19 (1), 1976.

Ethnozootechnie. Vol. 31, 1983.

Fiziologija na Rasteniata. Vol. 7 (3), 1981.

Folia Histochemica et Cytochemica. Vol. 21 (1), 1983; Vol. 22 (1-2), 1984.

Folia Parasitologica. Vol. 26 (4), 1979.

Helvetica Chimica Acta. Vol. 68 (1-4), 1985.

Idengaku Zasshi = Japanese Journal of Genetics. Vol. 53 (2), 1978

Journal of Environmental Science and Health: Part B, Pesticides, Food Contaminants, and Agricultural Wastes. Vol. 18 (6), 1983.

K'o Hsueh Tung Pao. Vol. 24 (24), 1979.

Kobe Daigaku Nogaku-bu Kenkyu Hokoku. Science Reports of Faculty of Agriculture, Kobe University. Vol. 16 (2), 1984.

Lietuvos TSR Moksl u Akademijos Darbai. C Serija, Biologijos Mokslai = Trudy Akademii nauk Litovsko i SSR. Serija C. Biologicheskie nauki. Number 4, 1976.

Mededelingen - Faculteit Landbouwwetenschappen, Rijksuniversiteit, Gent. Vol. 49 (2-3), 1984.

Mekhanizatsiia i Elektrifikatsiia Sel'skogo Khoziaistva. Number 15-19, years unknown.

Die Nahrung. Vol. 22 (1-2), 1978; Vol. 27 (8), 1983; Vol. 29 (3-4), 1985.

Nauchnye Doklady Vyssei Shkoly. Biologicheskie Nauki. Numbers 7-12, 1983.

Novenyvedelem. Vol. 18 (2-5), 1982; Vol. 19 (6), 1983.

Phytophylactica. Plantbeskerming-swetenskappe en Mikrobiologie. Plant Protection Sciences and Microbiology. Vol. 9 (2), 1977.

Proceedings. Section B, Natural Environment. The Royal Society of Edinburgh. Vol. 75 (3-4), 1975.

Saga Daigaku Nogaku iho. Number 58, 1985.

Scientia Horticulturae. Vol. 11 (4), 1979; Vol. 15 (3), 1981.

Selskokhoziaistvennaia Biologija. Number 6, 1981; Number 1, 1983; Number 4, 1985.

Shimane Daigaku Nogakubu Kenkyu Hokoku. Number 14, 1980.

Sibirskii Vestnik Selskokhoziaistvennoi auki. Numbers 4-5, 1974.

Silvae Genetica. Vol. 33 (4/5 - 6), 1984; Vol. 34 (1), 1985.

La Technique Laitiere: Revue Professionnelle Independante d'Etudes Laitieres. Number 807, 1974; Number 841, 1975; Number 886, 1976; Number 902, 1977.

Vitis. Vol. 23 (3-4), 1984; Vol. 24 (1), 1985.

Zeitschrift fur Angewandte Entomologie. Journal of Applied Entomology. Vol. 98 (4-5), 1984.

Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz. Vol. 91 (6 & 8), 1984.



United States Department of Agriculture
National Agricultural Library
Beltsville, Maryland 20705

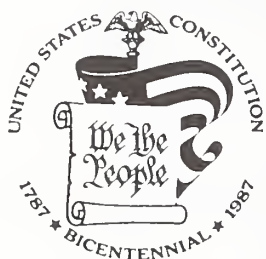
OFFICIAL BUSINESS
Penalty for Private Use, \$300

NATIONAL AGRICULTURAL LIBRARY



1022746794

BULK RATE
POSTAGE & FEES PAID
USDA
PERMIT NO. 695



**AGRICULTURAL LIBRARIES
INFORMATION NOTES
ISSN 0095-2699**

If you wish to be removed from the mailing list for this publication check here _____ and return this page to the above address. If change is required enter on address label and return.


July 24 - August 1: XIV INTERNATIONAL BOTANICAL CONGRESS. Berlin (West), Germany. Contact: The Secretary, XIV Int'l Botanical Congress, Konigin-Luise-Str. 6-8, D-1000 Berlin (West) 33, Germany.

August 2-5: SOIL CONSERVATION SOCIETY OF AMERICA 42nd ANNUAL MEETING. Billings, MT. Contact: Jim Sanders, SCSA, 7515 Northeast Ankeny Rd., Ankeny, IA 50021. Tel.: (515) 289-2331.

August 2-6: AMERICAN PHYTOPATHOLOGICAL SOCIETY. Cincinnati, OH. Contact: American Phytopathological Society, 3340 Pilot Knob Rd., St. Paul, MN 55121. Tel.: (612) 454-7250.

August 9-13: 38th ANNUAL AIBS MEETING. Columbus, OH, Ohio State University. Contact: American Institute of Biological Sciences, 730 11th St., N.W., Washington, D.C. 20001-4584. Tel.: (202) 628-1500.

August 26-28: NINTH ANNUAL CONFERENCE AND EXHIBITION ON INTERACTIVE VIDEODISC IN EDUCATION AND TRAINING. Washington, D.C. Contact: Society for Applied Learning Technology, 50 Culpeper St., Warrenton, VA. Tel.: (703) 347-0055.

September 27-30: NATIONAL AGRICULTURAL CHEMICAL ASSOCIATION. White Sulphur Springs, WV. Contact: National Agricultural Chemical Association, 1155 15th St., N.W., Washington, D.C. 20005. Tel.: (202) 296-1585. 

AGRICULTURAL LIBRARIES INFORMATION NOTES (ISSN 0095-2699) provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities. E.M. Farkas, Chief, Education and Information, Joseph N. Swab, Editor, Marilyn M. Jacobs, Assistant Editor, Dan Starr, Photographer. [Tel.: (301) 344-3937.]